

### AMENDMENTS TO THE CLAIMS

Please amend Claim 1 as presented below. Please cancel Claims 10, 12 and 13 without any prejudice or disclaimers. Please add new Claim 14 as presented below.

1. **(Currently Amended)** An injection apparatus, comprising:  
a cylinder holder that comprises a flange insertion groove having a first surface and a second surface; and  
a syringe barrel, comprising a flange adapted to be held by said flange insertion groove so as to fix the syringe barrel, said flange having a front surface and a rear surface, wherein said first surface of the flange insertion groove contacts the front surface of the flange and the second surface of the flange insertion groove contacts the rear surface of the flange, wherein at least one of the front surface, and the rear surface of the flange, the first surface of the flange insertion groove, and the second surface of the flange insertion groove is roughened has a random roughness pattern, and wherein the cross section of the roughened surface has a roughness equivalent to that of about No. 20 to 1500 as expressed in terms of count of sand paper.
2. **(Canceled)**
3. **(Previously presented)** The injection apparatus according to Claim 1, wherein the front surface of the flange is roughened.
- 4-8. **(Canceled)**
9. **(Previously presented)** An injection apparatus according to Claim 1 or Claim 3, further comprising:  
a syringe comprising said syringe barrel; and  
a chemical solution filled in the syringe.
10. **(Cancelled)**
11. **(Cancelled)**
12. **(Cancelled)**
13. **(Cancelled)**

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14. (New) The injection apparatus of Claim 1, wherein the first surface of the flange insertion groove has the random roughness pattern.